

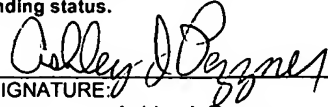
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|--|---|---|
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 | | ATTORNEY'S DOCKET NUMBER 12834-00010-US U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 107527649 |
| INTERNATIONAL APPLICATION NO. PCT/EP2003/009198 | INTERNATIONAL FILING DATE 20 August 2003 | PRIORITY DATE CLAIMED 13 September 2002 |
| TITLE OF INVENTION PROTON-CONDUCTING MEMBRANE AND ITS USE | | |
| APPLICANT(S) FOR DO/EO/US Gordon Calundann et al. | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | |
| 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. | | |
| 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. | | |
| 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below. | | |
| 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). | | |
| 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) | | |
| a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). | | |
| b. <input type="checkbox"/> has been communicated by the International Bureau. | | |
| c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). | | |
| 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)). | | |
| a. <input checked="" type="checkbox"/> is attached hereto. | | |
| b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). | | |
| 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) | | |
| a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). | | |
| b. <input type="checkbox"/> have been communicated by the International Bureau. | | |
| c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. | | |
| d. <input type="checkbox"/> have not been made and will not be made. | | |
| 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)). | | |
| 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). | | |
| 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). | | |
| Items 11 to 20 below concern document(s) or information included: | | |
| 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. | | |
| 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. | | |
| 13. <input checked="" type="checkbox"/> A preliminary amendment. | | |
| 14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. | | |
| 15. <input type="checkbox"/> A substitute specification. | | |
| 16. <input type="checkbox"/> A power of attorney and/or change of address letter. | | |
| 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. | | |
| 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). | | |
| 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). | | |
| 20. <input checked="" type="checkbox"/> Other items or information: Form PCT/RO/101, Form PCT/IB/306, and Form PCT/IB/308 | | |

PTO-1390 (Rev. 02-2005)

Approved for use through 03/31/2007. OMB 0651-0021

U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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|--|-------------------------------------|---|------------|---|--------------|--|
| U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/327649 | | INTERNATIONAL APPLICATION NO. PCT/EP2003/009198 | | ATTORNEY'S DOCKET NUMBER 12834-00010-US | | |
| The following fees have been submitted | | | | CALCULATIONS | PTO USE ONLY | |
| 21. | <input checked="" type="checkbox"/> | Basic national fee | \$ 300 | \$ 300.00 | | |
| 22. | <input checked="" type="checkbox"/> | Examination fee | | | | |
| If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)..... | | | | \$100 | | |
| All other situations | | | | \$200 | | |
| 23. | <input checked="" type="checkbox"/> | Search fee | | | | |
| Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... | | | | \$100 | | |
| International Search Report prepared and provided to the Office | | | | \$400 | | |
| All other situations | | | | \$500 | | |
| TOTAL OF 21, 22 and 23 = | | | | \$ 900.00 | | |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | | | | | |
| Total Sheets | Extra sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE | | | |
| 43 - 100 = | /50 = | | x \$250.00 | | | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)). | | | | \$ | | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | | | |
| Total claims | 32 - 20 = | 12 | x 50.00 | \$ 600.00 | | |
| Independent claims | 4 - 3 = | 1 | x 200.00 | \$ 200.00 | | |
| MULTIPLE DEPENDENT CLAIM(s) (if applicable) | | | | \$ | | |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$ 1,700.00 | | |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2. | | | | \$ | | |
| SUBTOTAL = | | | | \$ 1,700.00 | | |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)). | | | | \$ | | |
| TOTAL NATIONAL FEE = | | | | \$ 1,700.00 | | |
| Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property | | | | \$ | | |
| TOTAL FEES ENCLOSED = | | | | \$ 1,700.00 | | |
| | | | | Amount to be refunded: | \$ | |
| | | | | Amount to be charged: | \$ | |
| a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed. | | | | | | |
| b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>03-2775</u> in the amount of \$ <u>1,700.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed. | | | | | | |
| c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>03-2775</u> . A duplicate copy of this sheet is enclosed. | | | | | | |
| d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. | | | | | | |
| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status. | | | | | | |
| SEND ALL CORRESPONDENCE TO: | | | | | | |
| | | | |  SIGNATURE: _____ Ashley I. Pezzner | | |
| | | | | NAME | | |
| CUSTOMER NUMBER: 23416 | | | | 35,646 | | |
| | | | | REGISTRATION NUMBER | | |

Application No. (if known): Not Yet Assigned

Attorney Docket No.: 12834-00010-US

Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV431074021US in an envelope addressed to:

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Signature

J. Lynn Ferry

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Transmittal Letter to the United States Designated-Elected Office
Fee Transmittal
Application Data Sheet
Copy of the International application
Form PCT/RO/101, Form PCT/IB/306, and Form PCT/IB/308
English language translation of the International application
Information Disclosure Statement, SB08, with references
Preliminary Amendment
Postcard
Charge \$1,700.00 to deposit account 03-2775